

Product	LED
Series	SLR343WBD
Mass (mg)	124.35100

The RoHS directive, REACH regulation, and other laws and regulations related to the management of environmentally hazardous substances come into effect. When developing products, the global environmental load must be considered. ROHM pursues green procurement and endeavors to increase the detection accuracy of chemicals contained in parts and procured materials while at the same time placing great importance on the internal chemical management system that was built to ensure that no prohibited substances are procured, used, or shipped in order to provide a steady supply of worry-free products.

○ This item is in compliance with RoHS.

○ Pb free

製品本体 Product								
No	構成材料 Material Name	部位重量 Part Weight (mg)	物質名 Substance Name		CAS №	含有量 Content Weight (mg)	含有率(%) 〈/製品重量〉 Content per Product Weight	含有率(%) 〈/構成材料〉 Content per Part Weight
1	リードフレーム Lead Frame	64.95000	鉄	Iron(Fe)	7439-89-6	62.94000	50.6148	96.9053
			銅	Copper(Cu)	7440-50-8	0.08000	0.0643	0.1232
			銀	Silver(Ag)	7440-22-4	1.93000	1.5521	2.9715
2	ボンディングワイヤー Bonding wire	0.01000	金	Gold(Au)	7440-57-5	0.01000	0.0080	100.0000
3	封止樹脂 Resin	4.40000	シリコン樹脂	Silicone Resin	-	4.00000	3.2167	90.9091
			蛍光材	Phosphor	-	0.40000	0.3217	9.0909
4	封止樹脂 Resin	44.98000	エポキシ樹脂	Epoxy Resin	-	44.98000	36.1718	100.0000
5	端子処理 Terminal Plating	10.00000	錫	Tin(Sn)	7440-31-5	9.65000	7.7603	96.5000
			銀	Silver(Ag)	7440-22-4	0.30000	0.2413	3.0000
			銅	Copper(Cu)	7440-50-8	0.05000	0.0402	0.5000
6	LED素子 LED Die	0.01100	炭化シリコン	Silicon carbide(SiC)	409-21-2	0.01070	0.0086	97.2727
			金	Gold(Au)	7440-57-5	0.00003	0.0000	0.2727
			その他	Other	-	0.00027	0.0002	2.4545
Total					-	124.35100	100.0000	

Disclaimer

- All information in this document is furnished for exploratory or indicative purposes only.
- This information provides estimates of the average weights and content of component materials and does not include impurities or metals diffused in the silicon.
- ROHM strives for the accuracy of the information, however, ROHM does not give any representations or warranties as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information.
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Notes

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- 3) Although ROHM is continuously working to improve product reliability and quality, semiconductors can break down and malfunction due to various factors.
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